AL624-24C
Linear Power Supply/Charger Kit

Rev. DSAL624-24C_12302011

AL624-24C

Overview

This linear power supply/charger kit has a wide range of applications including: access control, security and CCTV system accessories that require additional power.

Specifications

Input:
- 115VAC, 60 Hz 1.67 amp.

Output:
- 24VDC output.
- 24VDC @ 0.75 amp supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.3 amp.
- PTC battery protection.

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: –20º C to 49º C ambient.
- 7 BTU/Hr.:
- System AC input VA requirement: 192.05VA.

Mechanical:
- Board Dimensions (L x W x H approx.): 3" (76.2mm) x 2.5" (63.5mm) x 1.125" (28.58mm)
- Product weight (approx.): 4 lbs. (1.81 kg.).
- Shipping weight (approx.): 4.6 lbs. (2.09 kg.).

Features:
- Power supply/charger with two (2) BT124 (12VDC/4AH) and TP2420 plug-in transformer (24VAC/40VA).

Board Dimensions *(L x W x H) (approximate)*:

3" (76.2mm) x 2.5" (63.5mm) x 1.125" (28.58mm)